



NUTANIX

The Foundation for Modern Enterprise Cloud



Your Cloud. Your Way.

Enterprise organizations today face an unprecedented challenge: managing workloads across on-premises, private, and public cloud environments while maintaining security, compliance, and operational excellence. Legacy infrastructure approaches—with their silos of compute, storage, and networking—create complexity, inefficiency, and risk.

Nutanix Hyperconverged Infrastructure (HCI), delivered through our managed cloud and IT services partnership, provides a unified platform that brings cloud simplicity directly into your datacenter. Plus, you'll maintain the flexibility to extend seamlessly to hosted or hybrid environments.

As a mature managed service provider specializing in Nutanix infrastructure, Emergence has invested significantly in the people, processes, and advanced tools required to deliver world-class cloud operations. Whether you choose on-premises deployment, our private cloud, or a hybrid architecture, you'll receive the same exceptional service level and value-based pricing model—transforming infrastructure from a capital burden into a strategic, consumable service.



Three Consumption Models to Choose From

1. Nutanix On-Premises

When you deploy Nutanix HCI within your datacenter, you can own the infrastructure or consume it as a service. We provide expert management, monitoring, optimization, and 24/7 support. This is an ideal solution for organizations that require data residency compliance, maximum control, or the ability to leverage existing facility investments.

2. Nutanix Private Hosted Cloud

In this scenario, we deliver and operate the infrastructure in a secure, isolated environment dedicated to your organization. You benefit from enterprise-grade resilience, disaster recovery, and simplified capacity planning—all managed as a fully supported service. This solution is designed for organizations seeking operational simplicity without datacenter overhead.

3. Hybrid Architecture

You can also combine on-premises and hosted cloud in a unified management plane. Workload mobility, disaster recovery, and multi-cloud flexibility are all orchestrated through a single control point. This solution provides maximum agility for enterprises with distributed operations, compliance zones, or growth strategies.



The Nutanix Platform: Unified Cloud Anywhere

Converged Architecture

Nutanix integrates compute, storage, networking, and virtualization into a single, software-defined platform. This eliminates the operational silos that plague traditional three-tier infrastructure:

- Single Console Management
- Distributed Systems Architecture
- Software-Centric Design

Enterprise-Grade Capabilities

With Nutanix HCI, your business will benefit from a robust solution that's earned praise from some of the most highly regarded enterprises. Consider these benefits:

- Virtualization & Containerization
- Database as a Service
- Data Protection & Disaster Recovery
- Scalable Performance



Cybersecurity & Compliance: Built In, Not Bolted On

In today's threat landscape, infrastructure must be inherently secure. Nutanix HCI provides security capabilities that protect your data and applications at every layer.

Cyber Resilience by Design

Nutanix HCI inherently accelerates cyber resilience over traditional infrastructure:

- 1. Immutable Snapshots** - Application-consistent snapshots enable rapid recovery from ransomware or data corruption without rebuilding infrastructure.
- 2. Encrypted Backups** - All backups are encrypted and stored separately from production data, preventing ransomware from cascading to recovery systems.
- 3. Audit & Forensics** - Comprehensive logging and audit trails support incident investigation and regulatory reporting.
- 4. Zero-Trust Integration** - Integrate with your identity provider and implement continuous authentication and authorization verification.

Compliance Integration - Purpose-built compliance features simplify audit and regulatory requirements:

- HIPAA
- PCI-DSS
- GDPR & Regional Regulations



The Emerge Difference: Predictable, Value-Based Pricing

Unlike traditional infrastructure vendors, which charge separately for hardware, software, and support, our value-based pricing model delivers fixed, predictable costs across all three consumption options. You pay for capacity, performance, and service level—not for complexity. This means:

- Simplified budgeting with transparent, all-inclusive monthly costs
- No surprise vendor lock-in with hidden licensing or overage fees
- Right-sizing support from our team to optimize your spend
- Flexible scaling with pricing that grows with your business

AI for Operational Excellence



The Emerge operations team leverages AI and advanced automation to deliver superior service levels:

Predictive Maintenance - Machine learning models analyze cluster health, resource utilization, and performance trends to predict failures before they occur. We proactively replace components, schedule maintenance, and optimize capacity.

Workload Optimization - AI algorithms recommend VM placement, resource allocation, and storage tiering based on application demand patterns and cost optimization.

Automated Remediation - Routine operational tasks—backup validation, snapshot management, cluster rebalancing—run automatically with AI-assisted decision making, reducing manual overhead and human error.

Intelligent Capacity Planning - Predictive analytics forecast your infrastructure needs 3-6 months ahead, ensuring you scale smoothly without over-provisioning or capacity constraints.



AI-Powered Infrastructure & Operations

Artificial intelligence is transforming how infrastructure is managed—shifting from reactive firefighting to predictive optimization. Nutanix Enterprise AI, integrated with NVIDIA Enterprise AI technologies, brings this capability to your organization.

NUTANIX ENTERPRISE AI (NAI)

Simplified AI Deployment - Deploy machine learning models and AI applications with the same ease as traditional workloads. NAI provides a centralized LLM (Large Language Model) repository, streamlining access to pre-built models for generative AI applications.

- **Agentic AI Support** - Build autonomous AI agents that manage infrastructure tasks, troubleshoot issues, and optimize resources. Deep integration with NVIDIA NIM™ and NeMo™ frameworks accelerates agent development and deployment.
- **Secure, Private Connections** - Your data never leaves your infrastructure. Train and run models on your data with full privacy and security—critical for healthcare, financial services, and regulated industries.



People & Operational Excellence

Infrastructure is only as good as the people operating it. We differentiate through world-class operational expertise, proven processes, and a commitment to your success.

OUR SEASONED, CUSTOMER-FOCUSED TEAM

Nutanix Certified Experts - Every engineer managing your infrastructure holds advanced Nutanix certifications. Continuous training ensures expertise in the latest platform features, security practices, and cloud patterns.

24/7/365 Support - A dedicated team continuously monitors your infrastructure. When issues arise, you reach experienced engineers. Our average response time for critical issues is 15 minutes.

Proactive Account Management - Your dedicated account manager will meet quarterly with you to review utilization trends, performance metrics, compliance status, and future roadmap alignment. We're not just reactive support; we're your infrastructure partner.

Developer & Architect Support - Beyond operational management, we work with your development and architect teams to optimize application deployment, design disaster recovery strategies, and plan cloud modernization initiatives.



Our Advanced Processes & Automation

Infrastructure as Code - Your entire environment—networking, storage policies, VM configurations—is defined in code and version-controlled. Changes are auditable, repeatable, and reversible.

Continuous Monitoring & Alerting - Custom dashboards and intelligent alerting keep you informed. We define meaningful thresholds and eliminate alert fatigue—you only receive notifications that matter.

Change Management & Testing - Every change follows a proven process: design review, staging environment testing, rollout with automated rollback capability, and post-implementation validation.

Regular Business Reviews - Quarterly reports detail performance metrics, utilization trends, cost optimization opportunities, and strategic recommendations.



How We Optimize Costs for You

Our operational excellence directly translates to savings:

Resource Optimization - Consolidating workloads and eliminating sprawl reduces infrastructure footprint by 20-30%

Efficient Data Protection - Integrated backup and deduplication reduce storage requirements and backup windows

Power & Cooling Efficiency - Hyperconverged architecture reduces physical footprint and energy consumption compared to traditional three-tier infrastructure

Reduced Complexity - Single-platform management eliminates redundant tools and team overhead



Let's Get Started

Let's schedule a discovery conversation. We'll discuss your infrastructure challenges, business objectives, and growth plans. Together, we'll design a Nutanix hybrid cloud solution that delivers operational simplicity, cost efficiency, and strategic agility.



Kick the Tech Tires

If you're unsure about deploying Nutanix HCI, we'd be happy to work with you to provide a proof-of-concept.